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Agricultural Research Service, U.S. Department of Agriculture

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# **Part-time Farming, Small Farms, and Small-scale Farming in the United States**

## **Books, Articles, and Videocassettes, 1996-September 1998**

### **Updates *Quick Bibliography* 97-03**

**145 Citations in English from the AGRICOLA Database  
January 1999**

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Beltsville, Maryland 20705-2351

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**1. Agreements for rural landowners, ranchers, farmers, homesteaders & outfitters: comprehensive forms with instructions.**

Henze, M. T. 236p. (LawCraft Pub. Co., San Clemente CA, 1997)

NAL Call #: KF1682.H46--1997

*Descriptors:* agricultural laws and legislation-united states-forms; farm law-united states-forms

**2. Agriculture and the family farm in the economy.**

Lloyd, A.; Malcom, B. *A legacy under threat? family farming in Australia*. p.59-80. (1997)

NAL Call #: HD1476.A8L44-1997

*Descriptors:* family farms; economics; australia

**3. Agroforestry economic model for the U.S. family farm: a decision support system.**

Blanche, C. A.; Knowles, R. L.; Middlemiss, P. G.; Brown, M. A. *Proc Soc Am For Natl Conv*. p.122-127. (1997)

NAL Call #: SD143.S64

*Descriptors:* usa

**4. Alpacas: woolly & wonderful.**

Rae, M. *Small farm today*. v.14(1): p.27. (1997 Feb.-1997 Mar.)

NAL Call #: S1.M57

*Descriptors:* alpacas; livestock enterprises; small farms

**5. Alternatives for small farm survival: government policies versus the free market.**

Tweeten, L. G.; Amponsah, W. A. *J agric appl econ.* v.28(1): p.88-98. (1996 July)

NAL Call #: HD101.S6

*Descriptors:* federal programs; resource allocation; markets; rural development; usa

*Abstract:* This paper briefly outlines a topology of small farms and then considers the role of the government versus the market in key public policies such as commodity income support, environment, stability, research, and rural development. A number of options are explored for public policy to better serve small farms, including drastic alternatives such as graduated property taxes on farmland, with exemptions or lower rates for small farms. These and other alternatives are not necessarily recommended. Improved extension education and human resource development offer some of the most promising public policy opportunities to help small farmers.

**6. Amaranth to zai holes: ideas for growing food under difficult conditions.**

Meitzner, L. S.; Price, M. L. vi, 404p. (ECHO, North Fort Myers, FL, 1996)

NAL Call #: S604.37.M45--1996

*Descriptors:* agriculture-tropics; tropical crops; farms, small-tropics; food crops-tropics; agriculture-developing countries; tropical crops-developing countries; farms, small-developing countries

**7. The American family farm.**

Halberstadt, H. 192p. (Motorbooks International, Osceola, WI, 1996)

NAL Call #: HD1476.U5H27--1996

*Descriptors:* family farms-united states; family farms-united states-history pictorial works; photography of farms; united states-rural conditions; united states-rural conditions-pictorial works

**8. Assessment of program delivery to small farmers: fax information center system at satellite locations.**

Richardson, J. G.; Knight, J.; May, F.; McAlister, M. *J appl commun.* v.82(1): p.21-30. (1998)

NAL Call #: S494.5.C6A24

*Descriptors:* cooperative extension service; north carolina

**9. Assistance to intergenerational farms: the college-to-farm transition.**

Gamon, J. A.; Rowe, S. *NACTA j.* v.41(1): p.14-19. (1997 Mar.)

NAL Call #: 275.9-N213

*Descriptors:* farm families; family farms; generations; educational programs; evaluation; agricultural education; higher education; farm closures; demography; iowa; ag link program

**10. The Battisti family dairy farm: a profile.**

Welsh, R. *J soil water conserv.* v.51(1): p.34-37. (1996 Jan.-1996 Feb.)

NAL Call #: 56.8-J822

*Descriptors:* dairy farming; family farms; farming systems; sustainability; farmers' attitudes; objectives; farm management; case studies; new york

**11. Case study: Wooden Shoe Dairy, New Mexico, USA.**

Siebert, J. W.; Schwart, R. B. *Agribusiness.* v.13(6): p.637-648. (1997 Nov.-1997 Dec.)

NAL Call #: HD1401.A56

*Descriptors:* dairy farms; family farms; farm management; large farms; case studies; milk production; farm comparisons; technical progress; milk marketing; dairy cooperatives; new mexico

*Abstract:* This teaching case enables students to examine basic forces transforming the structure of the dairy industry. A New Mexico family farm faces challenges associated its large milk production volume. In an environment of rapid but uncertain change, questions regarding future management structure and investment priorities must be answered. The dairy examined is considered representative of the modern dairies of Netherlands lineage operating throughout the southwestern United States. This case does not represent an actual farm, but is a composite of realistic design.

**12. Changing market dynamics for small-scale vegetable producers.**

Zimet, D. *Small farm today.* v.14(1): p.44. (1997 Feb.-1997 Mar.)

NAL Call #: S1.M57

*Descriptors:* vegetables; marketing; vegetable growing; organic farming; small farms

**13. The changing structure of U.S. agriculture: dualism out, industrialism in.**

Albrecht, D. E. *Rural sociol.* v.62(4): p.474-490. (1997 Winter)

NAL Call #: 281.28-R88

*Descriptors:* agricultural sector; structural change; farm numbers; history; trends; small farms; large farms; economic depression; economic impact; regression analysis; usa

*Abstract:* Between 1982 and 1992, trends in farm structural change resumed patterns that had existed from the Great Depression to the 1970s. That is, farms became fewer and larger. By 1992, the number of American farms declined below two million for the first time since the Civil War. Also, the trend toward dualism noted in the 1970s is over, as the number of small farms again declined rapidly during the 1980s. The trend toward large-scale agriculture is most prominent in the most important agricultural counties.

**14. Characteristics and risk management needs of limited-resource and socially disadvantaged farmers.**

Dismukes, R.; Harwood, J. L.; Bentley, S.; United States. Dept. of Agriculture. Economic Research Service. v, 92p. (USDA, ERS: USDA, Risk Management Agency, Washington, DC, 1997)

NAL Call #: 1--Ag84Ab-no.733

*Descriptors:* crop insurance-united states; risk management-united states; farms, small-united states; farmers-economic conditions; farmers-social conditions

**15. Choosing tools & equipment for a small farm.**

Macher, R. *Small farm today.* v.14(2): p.23. (1997 Apr.-1997 May)

NAL Call #: S1.M57

**16. Clausens choose Romanovs.**

Fyksen, J. *Small farm today.* v.13(2): p.42-44. (1996 Apr.)

NAL Call #: S1.M57

*Descriptors:* sheep farming; romanov; small farms

**17. A close-up of changes in farm organization.**

Hoppe, R. A. *Agric outlook.* (227): p.2-4. (1996 Mar.)

NAL Call #: aHD1751.A42

*Descriptors:* family farms; agricultural production; marketing; companies; usa; nonfamily farms

**18. A comparison of extension program delivery strategies for small and part-time farmers in North Carolina.**

Richardson, J. G.; Stephenson, J.; Riddick, G.; Caldwell, A.; McAlister, M. *HortTechnology.* v.6(2): p.138-140. (1996 Apr.-1996 June)

NAL Call #: SB317.5.H68

*Descriptors:* technology transfer; small farms; extension education; farmers; diffusion of information; innovation adoption; information services; cooperative extension service; north carolina; information delivery methods

**19. Consider the chicken.**

Klober, K. *Small farm today.* v.14(3): p.19-20. (1997 June-1997 July)

NAL Call #: S1.M57

*Descriptors:* poultry farming; chickens; breeds; small farms

**20. Corn and soybeans--but organic.**

Berg, P. *Small farm today.* v.14(2): p.46-48. (1997 Apr.-1997 May)

NAL Call #: S1.M57

*Descriptors:* zea mays; glycine max; crop production; organic farming; small farms

**21. Country life: a handbook for realists and dreamers. 1st American ed.**

Heiney, P. 192 p. (DK Pub., New York, 1998)

NAL Call #: S501.2.H45--1998

*Descriptors:* agriculture-handbooks, manuals, etc; farms, small-handbooks, manuals, etc; farm life-handbooks, manuals, etc

**22. Crisis on the family farm: ethics or economics?: proceedings of a symposium, organised by the Family Farmers' Association (formerly the Small Farmers' Association) and the Center for Agricultural Strategy, and held at the University of Reading, 30-31 March 1993.**

Carruthers, S. P.; Miller, F. A.; Symposium on the Crisis on the Family Farm (1993: Reading, E. 284p. (Centre for Agricultural Strategy, University of Reading, Reading, England, 1996)

NAL Call #: S217.C3--no.28

*Descriptors:* agriculture-economic aspects-congresses; family farms-finance-great britain-congresses; family farms-moral and ethical aspects-great britain-congresses

**23. The development of alternative farm enterprises: a study of family labour farms in the northern Pennines of England.**

Bowler, I.; Clark, G.; Crockett, A.; Ilbery, B.; Shaw, A. *J rural stud.* v.12(3): p.285-295. (1996 July)

NAL Call #: HT401.J68

*Descriptors:* family farms; farm enterprises; family labor; farm comparisons; farm indebtedness; decision making; farm families; traditional farming; ancillary enterprises; less favored areas; discriminant analysis; england

*Abstract:* This paper offers an empirical test of a middle-order theorisation of business change on family labour farms. The concept of 'paths of farm business development' is examined in the northern Pennines of England using discriminant analysis and 34 variables drawn from the published literature on the dynamics of the family farm. Farm indebtedness is shown to be the dominant variable discriminating between farms in the different pathways, although the exact role of farm debt varies between pathways. Farm families selecting the alternative farm enterprise (AFE) pathway can be divided between those that display 'accumulation' (principal AFE) and 'survival' (marginal AFE) behaviours. The findings are contextualised to the U.K. and an era of historically high interest rates and farm indebtedness.

**24. Doing without the big red barn.**

Klober, K. *Small farm today.* v.13(2): p.17-18. (1996 Apr.)

NAL Call #: S1.M57

*Descriptors:* small farms; management; farm buildings; animal housing

**25. Economic and market forces influencing farm land ownership.**

Wright, V.; Kaine, G. *A legacy under threat? family farming in Australia* /. p.81-98. (1997)

NAL Call #: HD1476.A8L44-1997

*Descriptors:* family farms; land ownership; economic situation; agricultural situation; australia

**26. The economics of canola production by limited-resource farmers in South Carolina.**

Onunkwo, E. N.; Holston, N. W. *J sustain agric.* v.10(4): p.49-74. (1997)

NAL Call #: S494.5.S86S8

*Descriptors:* brassica; crop production; economic viability; models; profitability; double cropping; glycine max; south carolina

**27. Elk: a growing market.**

Williams, L. *Small farm today.* v.13(4): p.29-30. (1996 Aug.)

NAL Call #: S1.M57

*Descriptors:* cervus elaphus canadensis; farming; velvet; small farms; animal husbandry; pennsylvania

**28. Emerging markets for family farms: opportunities to prosper through social and environmental responsibility.**

O'Neill, K. 61p. (Center for Rural Affairs, Walthill, NE, 1997)

NAL Call #: HF5413.O54--1997

*Descriptors*: green marketing; farm produce-marketing; alternative agriculture-economic aspects

**29. Emus in America.**

Bedwell, J. E. *Small farm today*. v.13(5): p.22-24. (1996 Oct.-1996 Nov.)

NAL Call #: S1.M57

*Descriptors*: emus; livestock enterprises; small farms; animal husbandry; usa

**30. Environmental change and farm restructuring in Britain: the impact of the farm family life cycle.**

Potter, C. *Agricultural restructuring and sustainability a geographical perspective*. p.73-86. (1997)

NAL Call #: HN49.C6S82-no.3

**31. Estate planning for farm families. Rev. August 1996.**

Saskatchewan. Saskatchewan Agriculture and Food. Economic and Business Section. 44p. (Saskatchewan Agriculture and Food, Regina, 1996)

NAL Call #: HD1476.C2E77--1996

*Descriptors*: family farms-canada; estate planning-canada; land titles-registration and transfer-canada

**32. Estimating smallholder's risks aversion: a method to improve impact-analyses of potential innovations: an example from Zimbabwe's semi-arid areas.**

Hedden Dunkhorst, B. *Food security and innovations successes and lessons learned international symposium 1996*. p.483-494. (1997)

NAL Call #: S494.5.I5F68-1997

*Descriptors*: small farms; farmers' attitudes; farm income; food security; mathematical models; zimbabwe

**33. European wild boar: a small farm alternative.**

Lyle, C. *Small farm today*. v.14(4): p.35-36. (1997 Aug.-1997 Sept.)

NAL Call #: S1.M57

**34. Factors affecting the status & future of agriculture in Oklahoma.**

Sanders, L. D. *Cur farm econ*. v.69(1): p.3-16. (1996)

NAL Call #: HD1775.O5C87

*Descriptors*: agricultural situation; agricultural policy; family farms; agricultural structure; structural change; economic impact; farmers; agribusiness; rural communities; oklahoma

**35. Factors influencing exposure of children to major hazards on family farms.**

Lee, B. C.; Jenkins, L. S.; Westaby, J. D. *J rural health*. v.13(3): p.206-215. (1997 Summer)

NAL Call #: RA771.A1J68

*Descriptors*: children; fathers; parents; family farms; dairy cows; farmers' attitudes; behavior; hazards; risk; trauma; safety at work; decision making; wisconsin; planned behavior

*Abstract*: On family farms, parents are usually knowledgeable of high-risk activities yet they allow their children to be active participants in (or bystanders to) hazardous work for reasons not well-documented. A two-phase descriptive study, based on the theory of planned behavior and using mail survey research methods, was carried out to understand factors that influences parents' decisions to expose children to major hazards on family farms. A representative sample of 1,255 Wisconsin dairy farm fathers provided data about factors that influence their decisions to expose children younger than 14 years to risks of injury. Multivariate analyses revealed that attitudes, subjective norms, and perceived control accounted for up to three-fourths of the variance in fathers' behavioral intentions. Fathers' attitudes were stronger predictors of behavioral intentions than subjective norms (i.e. perceived social pressure) or perceived control. Grandparents and mothers exerted a limited influence. Other groups, such as health care providers 4-H, Future Farmers of America, and insurers, exerted only a modest influence on fathers' feelings of social pressure. Few demographic characteristics of the family or farm were predictive of fathers' intentions to expose children to hazards.

**36. Families and the farm adjustment process.**

Stayner, R. *A legacy under threat? family farming in Australia*. p.121-145. (1997)

NAL Call #: HD1476.A8L44-1997

*Descriptors*: family farms; adjustment; economics; rural economy; australia

**37. Families on small farms: case studies in human ecology.**

Sontag, M. S.; Bubolz, M. M. xxiii, 432p. (Michigan State University Press, East Lansing, 1996)

NAL Call #: HD1476.U6M57--1996

*Descriptors*: family farms-michigan-case studies; rural families-michigan-social conditions; farm life-michigan-case studies; farmers-michigan-social conditions; michigan-rural conditions-case studies

**38. Family factors affecting adoption of sustainable farming systems.**

Salamon, S.; Farnsworth, R. L.; Bullock, D. G.; Yusuf, R. *J soil water conserv.* v.52(4): p.265-271. (1997 July-1997 Aug.)

NAL Call #: 56.8-J822

*Descriptors*: farming; alternative farming; family farms; sustainability; innovation adoption; resistance to change; farm families; rural sociology; conventional farming

**39. Family farm seminars.**

Burgus, S. *J agromed.* v.4(3/4): p.335-341. (1997)

NAL Call #: RC965.A5J68

*Descriptors*: farm families; children; occupational hazards; safety at work; educational programs; teaching methods; iowa; educational efficacy

**40. Family farmers, real regulation, and the experience of food regimes.**

Moran, W.; Blunden, G.; Workman, M.; Brady, A. *J rural stud.* v.12(3): p.245-258. (1996 July)

NAL Call #: HT401.J68

*Descriptors*: family farms; farm enterprises; food marketing; food production; regulations; legislation; community action; social participation; france; new zealand

*Abstract*: The literature on food regimes gives insufficient attention to the national and regional variability in the experience of food regimes. Two analytical frameworks are integrated for this purpose in this paper. Recent debates on the nature of family farming as a form of production and its relationships to the capitalist economy and further development of the concept of 'real' regulation enable us better to understand past food regimes and the processes of uneven development in western economies. Social and political movements in the countryside, often supported by legislation, are suggested as neglected elements in understanding the experience of individual nations within historical and emerging global food systems. By their association in communities, in cooperatives, and in more politically-oriented organizations, farmers are able to influence the form of agro-commodity chains and legislation governing the rural sector, key factors which influence the variability of the experience of food regimes. Our examples are France and the settler economy of New Zealand.

**41. Family farming, farm labour and rural employment. Who works where? A international comparison.**

Jean, B. *Can j agric econ.* v.44(4): p.411-419. (1996 Dec.)

NAL Call #: 281.8-C16

*Descriptors*: family farms; farm workers; off farm employment; rural communities; international comparisons; quebec; france; canada; poland; tunisia; brazil

**42. Farm memories: an illustrated history of rural life.**

Halberstadt, A. 1. 160p. (Motorbooks International, Osceola, WI, 1996)

NAL Call #: S521.5.A2H34--1996

*Descriptors*: farm life-united states; farms, small-united states; agriculture-united states

**43. Field of pumpkins.**

Tannehill, K. *Small farm today.* v.14(5): p.22-23. (1997 Oct.-1997 Nov.)

NAL Call #: S1.M57

*Descriptors*: small farms; ancillary enterprises; oregon

**44. Fields without dreams: defending the agrarian idea.**

Hanson, V. D. c. xxiii, 289p. (Free Press, New York, 1996)

NAL Call #: HD1476.U5H28--1996

*Descriptors:* family farms-united states; agriculture-economic aspects-united states

**45. Financing smaller farms.**

Dodson, C. *Proc Agric Outl Conf. (USDA World Agricultural Outlook Board)*. p.358-367. (1998 May)

NAL Call #: aHD1755.A376

*Descriptors:* small farms; usda; finance; usa

**46. Flett's flock.**

Polachic, D. *Small farm today*. v.13(1): p.20. (1996 Feb.)

NAL Call #: S1.M57

*Descriptors:* shetland sheep breed; characterization; small farms; wool production; saskatchewan

**47. Free-range poultry.**

Geissal, D. *Small farm today*. v.13(3): p.20-21. (1996 June)

NAL Call #: S1.M57

*Descriptors:* poultry farming; small farms; free range husbandry

**48. The future of the family farm.**

Lees, J. *A legacy under threat? family farming in Australia*. p.245-253. (1997)

NAL Call #: HD1476.A8L44-1997

*Descriptors:* family farms; trends; australia

**49. Good riddance to rats and mice.**

Trunko, M. E. *Small farm today*. v.14(2): p.38-40. (1997 Apr.-1997 May)

NAL Call #: S1.M57

*Descriptors:* rodent control; small farms

**50. Growing borage for profit.**

Polachic, D. *Small farm today*. v.13(1): p.45. (1996 Feb.)

NAL Call #: S1.M57

*Descriptors:* borago officinalis; cultivation; small farms; saskatchewan; alternative crops

**51. Growing echinacea for profit.**

Polachic, D. *Small farm today*. v.13(2): p.53. (1996 Apr.)

NAL Call #: S1.M57

*Descriptors:* echinacea; crop production; ancillary enterprises; small farms; medicinal plants; saskatchewan; alternative crops

**52. Growing the family farm income.**

Polachic, D. *Small farm today*. v.15(3): p.49-50. (1998 June-1998 July)

NAL Call #: S1.M57

*Descriptors:* market gardens; family farms

**53. Happy Mountain farm.**

Gradwohl, A. *Small farm today*. v.15(3): p.29-30. (1998 June-1998 July)

NAL Call #: S1.M57

*Descriptors:* cattle farming; small farms; family farms

**54. Heaven and earth: the last farmers of the North Fork. 1st ed.**

Wick, S. xi, 209p. (St. Martin's Press, New York, 1996)

NAL Call #: S521.5.N7W53--1996

*Descriptors:* Wickham, John, 1908-1994; farm life-new york state-cutchogue region; farms, small-new york state-cutchogue region; farmers-new york state-cutchogue region; cutchogue region-ny-history

**55. How small farms can compete with big farms.**

Salatin, J. *Small farm today*. v.13(1): p.48-49. (1996 Feb.)

NAL Call #: S1.M57

*Descriptors:* small farms; large farms; farm management; market competition

**56. How small farms compete.**

Duffy, M. *Proc Agric Outl Conf. (USDA World Agricultural Outlook Board)*. p.114-119. (1998 May)

NAL Call #: aHD1755.A376

*Descriptors:* farm size; market competition

**57. How would proposed changes in federal estate taxes affect farmers?. Issues in agricultural and rural finance.**

Maxwell, D. L.; United States. Dept. of Agriculture. Economic Research Service. 4p. (U.S. Dept. of Agriculture, ERS, Washington, DC, 1997)

NAL Call #: 1--Ag84Ab-no.724-08

*Descriptors:* inheritance and transfer tax-united states; family farms-taxation law and legislation-united states; farmers-economic conditions

**58. Inheritance and family farm ownership.**

Voyce, M. *A legacy under threat? family farming in Australia*. p.199-212. (1997)

NAL Call #: HD1476.A8L44-1997

*Descriptors:* family farms; inheritance; australia

**59. Keeping manure in a closed loop.**

Jewell, W. J. *Biocycle*. v.39(7): p.69-71. (1998 July)

NAL Call #: 57.8-C734

*Descriptors:* dairy cattle; cattle manure; management; family farms; small farms; pollution control; innovations; new york; manure management; waste management

**60. A legacy under threat?: family farming in Australia.**

Lees, J. W.; University of New England. Rural Development Centre. xii, 259p. (Rural Development Centre, University of New England, Armidale, N.S.W.?, 1997)

NAL Call #: HD1476.A8L44--1997

*Descriptors:* family farms-australia-history; agriculture-economic aspects-australia-history

**61. Limited-resource farmers: their risk management needs.**

Dismukes, R.; Harwood, J. L.; Hoppe, R. A. *Agric outlook*. (240): p.23-27. (1997 May)

NAL Call #: aHD1751.A42

**62. Llamas are fun.**

Belcher, S. *Small farm today*. v.13(5): p.20-23. (1996 Oct.-1996 Nov.)

NAL Call #: S1.M57

*Descriptors:* llamas; livestock enterprises; small farms; exotics

**63. Make that farm pay--now.**

Norling, S. J. *Small farm today*. v.13(1): p.43-44. (1996 Feb.)

NAL Call #: S1.M57

*Descriptors:* small farms; ancillary enterprises; marketing

**64. Making the transition from conventional to sustainable agriculture: gender, social movement participation, and quality of life on the family farm.**

Meares, A. C. *Rural sociol*. v.62(1): p.21-27. (1997 Spring)



NAL Call #: 281.28-R88

*Descriptors:* family farms; woman's status; gender relations; quality of life; small farms; division of labor; marriage; traditional farming; farming systems; sustainability; farmers' attitudes; work study; participation; minnesota

*Abstract:* This qualitative study of a non-random sample of six farm couples in southeastern Minnesota was shaped by a question originally posed by the participating couples: Is quality of life changing in the same ways for women and men as a consequence of the transition to sustainable farming systems? Historically, the family farm has been treated in research and policy debates as a single unit, with little analysis applied to the multiplicity of interests and roles within the family. Some organizations of the sustainable agriculture movement have followed suit and largely ignored women's roles on the farm, despite their importance to farm operations. The social construct of gender has implications for how farmers in this study define quality of life which, in turn, affects participation in the sustainable agriculture movement. Much of what men emphasize in describing quality of life reflects the values the sustainable agriculture movement itself espouses. For their wives, descriptions of quality of life are largely entwined with their highly elastic gendered roles and responsibilities on the farm, in the household, in paid and unpaid work in the community, and much less with their involvement in the movement. Because women's different and important contributions to the farm and family are not institutionally recognized and addressed by the sustainable agriculture movement, the movement's goals, vision, and activities are gender-specific, dominated by men's participation and contributions.

**65. Miniatures and mammals.**

Sawyer, S.; Sawyer, C. *Small farm today*. v.14(5): p.51-53. (1997 Oct.-1997 Nov.)

NAL Call #: S1.M57

*Descriptors:* small farms; small animal rearing

**66. Missouri Small Farmers' Reunion.**

Balman, V. *Rural herit.* v.22(5): p.44-45. (1997 Autumn)

NAL Call #: SF311.E9

*Descriptors:* working animals; horses; agricultural shows; equipment; missouri

**67. Mohair a la Francaise.**

Ludmer Gliebe, S. *Small farm today*. v.14(1): p.24. (1997 Feb.-1997 Mar.)

NAL Call #: S1.M57

*Descriptors:* goat keeping; family farms; farm management; diversification; france

**68. Moral issues, family farms and family farm ownership.**

Elliot, R. *A legacy under threat? family farming in Australia*. p.175-197. (1997)

NAL Call #: HD1476.A8L44-1997

*Descriptors:* family farms; land ownership; moral values; agribusiness; australia; corporate farming

**69. Movement of Angoumois grain moth (Lepidoptera: Gelechiidae) in a small-farm ecosystem.**

Barney, R. J.; Weston, P. A. *Environ entomol.* v.25(2): p.261-267. (1996 Apr.)

NAL Call #: QL461.E532

*Descriptors:* sitotroga cerealella; movement; dispersal; activity; spatial distribution; temporal variation; small farms; maize; grain stores; bins; zea mays; fields; stored products pests; kentucky

*Abstract:* The purpose of this study was to monitor activity and movement of Angoumois grain moth, *Sitotroga cerealella* (Olivier), in a small-farm ecosystem. Moth activity was determined using sticky traps placed in bin vents of storage bins containing shelled corn and pheromone traps placed in concentric circles across the farm with the bins at the center. Moth activity was concentrated in and around the grain bins from June to August and at corn plots in September and October. Mark-recapture studies confirmed moth dispersal from the bins to corn plots during July-September. Knowledge of the spatial dynamics of Angoumois grain moth may contribute to pest management programs.

**70. New money-making options with trees.**

Weaver, T. *Agric res.* v.45(11): p.10-11. (1997 Nov.)

NAL Call #: 1.98-Ag84

*Descriptors:* silvopastoral systems; alley cropping; sustainability; small farms; usa

**71. New tractor power.**

Boan, J. *Small farm today*. v.13(2): p.33-35. (1996 Apr.)

NAL Call #: S1.M57

*Descriptors:* tractors; small farms

**72. One-sow farrowing huts.**

Klober, K. *Small farm today*. v.13(3): p.49-50. (1996 June)

NAL Call #: S1.M57

*Descriptors:* sows; farrowing houses; pig farming; small farms

**73. The origins of the legacy.**

Lees, J. *A legacy under threat? family farming in Australia*. p.1-13. (1997)

NAL Call #: HD1476.A8L44-1997

*Descriptors:* family farms; agriculture; history; australia

**74. Pages from the psychic farmer.**

Klober, K. *Small farm today*. v.14(6): p.19-20. (1997 Dec.-1998 Jan.)

NAL Call #: S1.M57

*Descriptors:* small farms; farming; projections

**75. Parsley, sage, rosemary--no time.**

Langford, N. J. *Small farm today*. v.14(2): p.49-52. (1997 Apr.-1997 May)

NAL Call #: S1.M57

*Descriptors:* horticultural crops; organic farming; small farms; massachusetts

**76. Part-time farming.**

University of Nebraska Lincoln. Cooperative Extension. (The Extension, Lincoln, NE, 1996).

VHS videocassette (ca. 69 min.)

NAL Call #: Videocassette--no.2675

*Descriptors:* part time farming-nebraska; farmers, part time-nebraska

**77. Part-time farming, small farms, and small-scale farming in the United States--June 1993-March 1997.**

Gold, M. V. *Quick bibliogr ser. (National Agricultural Library)*. #97-03, 40p. (1997 June)

NAL Call #: aZ5071.N3

*Descriptors:* bibliographies; usa

**78. Pastured pigs on the Gunthorp farm.**

Gunthorp, G. *Small farm today*. v.15(3): p.31-35. (1998 June-1998 July)

NAL Call #: S1.M57

*Descriptors:* pig farming; small farms

**79. Pennsylvania farmer celebrates BisonTennial.**

Redfearn, M. M. *Small farm today*. v.13(4): p.24-25. (1996 Aug.)

NAL Call #: S1.M57

*Descriptors:* bison; farming; small farms; economic viability; pennsylvania

**80. The persistence of family labour farm ownership in advanced capitalist economies.**

Bell, J. H.; Pandey, U. S. *A legacy under threat? family farming in Australia*. p.213-243. (1997)

NAL Call #: HD1476.A8L44-1997

*Descriptors:* family farms; labor; australia

**81. Perspectives on regional and enterprise marginality: dairying in Michigan's north country.**

Schwarzweiller, H. K.; Davidson, A. P. *Rural sociol.* v.62(2): p.157-179. (1997 Summer)NAL Call #: 281.28-R88

*Descriptors:* dairy farming; farm comparisons; small farms; marginalization; agricultural regions; livestock numbers; farmers' attitudes; farm inputs; production; michigan

*Abstract:* Dairy farmers in Michigan's Upper Peninsula, an economically marginal rural region, are encumbered by contextual constraints that are not similarly faced by their downstate counterparts. However, this does not mean that they are any less ambitious or less efficient in dealing with the resources available to them. Indeed, dairying and similar smallscale economic enterprises in this and other marginal contexts may be quite competitive and sustainable if appropriate sociopolitical supports are instituted and, in the case of dairying, if marketing orders and regulatory policies are formulated and implemented in light of their impact upon the economic growth and viability of the wider region. To explore this issue, we consider the situations, basic characteristics, and restructuring trends over time of dairy farms in three upstate localities as compared with that of a downstate dairy farming community.

**82. The poor man's cow: Irish Dexters and Kerrys.**

Salt, S. *Small farm today.* v.13(4): p.21-23. (1996 Aug.)

NAL Call #: S1.M57

*Descriptors:* cattle; dexter; kerry; characterization; cattle farming; small farms

**83. Poultry for fly fishing.**

Polachic, D. *Small farm today.* v.13(5): p.28-29. (1996 Oct.-1996 Nov.)

NAL Call #: S1.M57

*Descriptors:* poultry; poultry farming; small farms; feathers; angling; hackles; fly lures

**84. Poultry production for small farms.**

Klober, K. *Small farm today.* v.13(3): p.17-18. (1996 June)

NAL Call #: S1.M57

*Descriptors:* poultry farming; small farms; poultry; animal production; eggs; trends

**85. Proceedings of the National Small Farm Conference. Proceedings, National Small Farm Conference, Nashville, Tennessee, September 10-13, 1996.**

Ebodaghe, D. A.; Bullen, G.; National Small Farm Conference (1996: Nashville, TN) xv, 272p. (Plant and Animal Production, Protection and Processing Division of USDA-Cooperative State Research, Education, and Extension Service, Washington, DC , 1997)

NAL Call #: aHD1476.U6N37--1996

*Descriptors:* farms, small-united states-congresses; farms, small-government policy-united states congresses

**86. Profitability of black plastic mulch for limited resource farmers.**

Mugalla, C. I.; Jolly, C. M.; Martin, N. R. Jr. *J prod agric.* v.9(2): p.283-288. (1996 Apr.-1996 June)

NAL Call #: S539.5.J68

*Descriptors:* vegetable growing; low input agriculture; farm inputs; plastic film; appropriate technology; investment; costs; income; returns; economic evaluation; simulation models; linear programming; surveys; feasibility studies; resource allocation; low energy cultivation; alabama; non farm inputs

*Abstract:* Farmers and policymakers have recognized the need for alternative technologies for reducing costs and increasing profit for limited resource farmers. Plastic mulch has been evaluated as an alternative technology on experimental stations in the Southeast but its use has not yet gained wide acceptance among limited resource vegetable producers in the area. In this study, the economic feasibility of plastic mulch was evaluated as a profit enhancing technology for limited resource farmers. A farmer survey and farm simulation model were used in the evaluation of this technology. It was noted in the survey that most of the farmers in the research area were part-time and were above 50 years old. The average age was 60, with a minimum of 29 and maximum of 88. Plastic mulch resulted in increased output and farm revenue. The capital turnover ratio for production with plastic mulch was higher than for production without plastic mulch. Each hour of labor used with plastic mulch generated six times more net revenues than without plastic mulch. The total investment required for plastic mulch more than doubled, indicating that it might be difficult to encourage this age group of farmers to adopt the

technology without easy credit arrangements. The diffusion of this technology may be difficult unless the alternative of renting vs. buying the necessary equipment is presented to this age group of farmers.

**87. Profitable goat keeping: the basics.**

Anderson, L. *Small farm today*. v.13(3): p.52-53. (1996 June)

NAL Call #: S1.M57

*Descriptors*: goats; goat keeping; small farms

**88. Promoting llamas.**

Williams, L. *Small farm today*. v.13(1): p.34-35. (1996 Feb.)

NAL Call #: S1.M57

*Descriptors*: llamas; animal husbandry; small farms; ancillary enterprises; marketing channels; pennsylvania

**89. Raising Angora goats.**

Amato, D. *Small farm today*. v.13(1): p.36-38. (1996 Feb.)

NAL Call #: S1.M57

*Descriptors*: angora; characterization; history; animal husbandry; small farms

**90. Rare dairy cattle offer small farm advantages.**

Palmer, J. *Small farm today*. v.13(4): p.43-44. (1996 Aug.)

NAL Call #: S1.M57

*Descriptors*: cattle; cattle breeds; rare breeds; characterization; small farms

**91. Rebirth of the small family farm: a handbook for starting a successful organic farm based on the community supported agriculture concept. 1st ed.**

Gregson, B.; Gregson, B. 64p. (IMF Associates, Vashon Island, WA, 1996)

NAL Call #: HD1476.U62W24--1996

*Descriptors*: family farms-washington state; farms, small-handbooks, manuals, etc; organic farming-handbooks, manuals, etc

**92. Report of the Expert Consultation on Small-Scale Rural Aquaculture, Rome, Italy, 28-31 May 1996 compiled by Manuel Martinez-Espinosa ... [et al.]. Expert Consultation on Small-Scale Rural Aquaculture, Rome, Italy, 28-31 May 1996.**

Martinez Espinosa, M.; Expert Consultation on Small Scale Rural Aquaculture (1996: Rome, I. viii, 182p. (Food and Agriculture Organization of the United Nations, Rome, 1997)

NAL Call #: SH323.F6--no.548

*Descriptors*: aquaculture-congresses; farms, small-congresses; rural development-congresses

**93. Research: help or hindrance to good farmers in high risk systems.**

Fujisaka, S. *Agric syst*. v.54(2): p.137-152. (1997 June)

NAL Call #: HD1.A3

*Descriptors*: agricultural research; small farms; farm management; risk; problem solving; dry farming; rice; beans; lowland areas; mountain areas; ethiopia; india; ecuador; diagnostics research; resource poor farmers

*Abstract*: At least some groups of resource-poor farmers in risky environments have developed sound, rational problem-solving practices. In such cases, agricultural research may lead to recommendations that are not superior, or even equal, to farmers' practices. In other cases, research may help to solve specific problems which farmers were unable to solve and for which potential solutions exist. Careful diagnostic research is needed to understand farmers' systems and, in so doing, to determine: (a) where further research might efficiently and effectively help to solve problems; and (b) where further research may have few benefits. Diagnostic research may also show that recommended innovations can run counter to farmers' solutions. Case examples discuss dry-land farmers in Ethiopia, rain-fed lowland rice farmers in eastern India and bean farmers in the Andes of Ecuador.

**94. Resource development, environmental planning and the family farm: an historical interpretation.**

Powell, J. M. *A legacy under threat? family farming in Australia*. p.147-173. (1997)

NAL Call #: HD1476.A8L44-1997

*Descriptors*: family farms; resource development; history; australia

**95. Reviving small farm poultry.**

Klober, K. *Small farm today*. v.13(4): p.17-18. (1996 Aug.)

NAL Call #: S1.M57

*Descriptors*: poultry; breeds; animal breeding; selective breeding; poultry farming; small farms

**96. Rock Creek Farm: a demonstration in diversity.**

Thibodeau, J. S. *Small farm today*. v.13(3): p.30-32. (1996 June)

NAL Call #: S1.M57

*Descriptors*: small farms; demonstration farms; low input agriculture; sustainability; farming systems; oklahoma

**97. The role of farm ownership in off-farm work participation.**

Tavernier, E. M.; Temel, T. T.; Li, F. *Agric resour econ rev*. v.26(1): p.67-81. (1997 Apr.)

NAL Call #: HD1773.A2N6

*Descriptors*: labor market; participation; off farm employment; ownership; labor allocation; part time farming; decision making; correlation; farm comparisons; crop enterprises; livestock enterprises; econometric models; descriptive statistics; northeastern states of usa; labor supply model; part ownership

**98. The role of husbands and wives in farm technology choice.**

Zepeda, L.; Castillo, M. *Am j agric econ*. v.79(2): p.583-588, 602-604. (1997 May)

NAL Call #: 280.8-J822

*Descriptors*: family farms; farm management; marriage; decision making; division of labor; technology; innovation adoption; gender relations; rotational grazing; mathematical models; wisconsin; intensive rotational grazing

**99. Rural co-ops/family farms get \$100 million boost from USDA rural development.**

*Rural coop*. v.64(6): p.32. (1997 Nov.-1997 Dec.)

NAL Call #: aHD1491.U6R87

*Descriptors*: federal programs; support measures; cooperatives; usa

**100. Safety practices among limited resource farmers in North Carolina.**

Ford, C. L.; Walson, F. O.; Owens, J. P. *J agromed*. v.4(3/4): p.217-221. (1997)

NAL Call #: RC965.A5J68

*Descriptors*: farmers; safety at work; farm families; educational programs; north carolina

**101. Settler agriculture and dynamics of resource allocation in frontier environments.**

Pichon, F. J. *Hum ecol*. v.24(3): p.341-371. (1996 Sept.)

NAL Call #: HM206.A1H8

*Descriptors*: small farms; farm management; settlement; rural areas; resource allocation; deforestation; land use; decision making

**102. Sharecropping has newfound cachet as community supported agriculture.**

Klausner, A. *Environ nutr*. v.19(4): p.1, 6. (1996 Apr.)

NAL Call #: TX341.E5

*Descriptors*: community programs; small farms; partnerships; consumer attitudes; cooperative farming; costs; consumers; farmers

**103. Should you raise Pygmy goats.**

Gilmore, J. *Small farm today*. v.14(3): p.23-25. (1997 June-1997 July)

NAL Call #: S1.M57

*Descriptors*: goat keeping; small farms

**104. Silviculture for the small farm.**

Mannon, A. *Small farm today*. v.14(5): p.46. (1997 Oct.-1997 Nov.)

NAL Call #: S1.M57

*Descriptors*: selective harvesting; logging; animal power; horses; sustainability; virginia

**105. Small and part time farms.**

United States. Cooperative State Research, Education, and Extension Service. Plant and Animal Production, Protection, and Processing Division. (The Division, Washington, DC, 1996-)

NAL Call #: aHD1476.U6S62

*Descriptors*: farms, small-united states-periodicals; part time farming-united states periodicals

**106. Small businesses grow with small farms.**

Macher, R. *Small farm today*. v.13(4): p.50-51. (1996 Aug.)

NAL Call #: S1.M57

*Descriptors*: rural development; small businesses; small farms; relationships

**107. Small farm digest.**

United States. Cooperative State Research, Education, and Extension Service. (Cooperative State Research, Education, and Extension Service, U.S. Dept. of Agriculture, Washington, DC, 1997-)

PREVIOUS TITLES: *Small-scale agriculture today*; and *Small and part time farms*.

NAL Call #: aHD1476.U6S622

*Descriptors*: small farm program u. s.- periodicals; farms, small-united states-periodicals

**108. Small farmers find cool business idea.**

Bauer, L. *Small farm today*. v.14(4): p.51-54. (1997 Aug.-1997 Sept.)

NAL Call #: S1.M57

*Descriptors*: usda; federal programs; refrigeration; coolers; design; economic analysis; sustainable agriculture research and education program

**109. Small farms and sawmills.**

*Small farm today*. v.14(2): p.30-32. (1997 Apr.-1997 May)

NAL Call #: S1.M57

*Descriptors*: ancillary enterprises

**110. Small farms and sustainable development: Is small more sustainable.**

D'Souza, G.; Ikerd, J. *J agric appl econ*. v.28(1): p.73-87. (1996 July)

NAL Call #: HD101.S6

*Descriptors*: small farms; farm size; sustainability; usa

*Abstract*: A new, post-industrial, paradigm for agriculture is emerging under the concept of sustainable agriculture. The sustainability paradigm has emerged to solve problems created by the industrial model, primarily environmental pollution and resource base degradation. The role of farm size in this transformation to a more sustainable agriculture is the issue addressed. Using a descriptive approach, and relying on a survey of the literature including emerging paradigms and observations, we conclude that, from a sustainability perspective, the smallest effective size will be the most competitive size for farms, as for other knowledge-based enterprises of the future.

**111. Small Farms Commission mixes evangelism with some solid proposals.**

Breimyer, H. F. *Small farm today*. v.15(3): p.21-22. (1998 June-1998 July)

NAL Call #: S1.M57

*Descriptors*: small farms; usda; agricultural policy

**112. Small farms in the U.S.**

Perry, J.; Hoppe, R. A. *Agric outlook*. (251): p.22-26. (1998 May)

NAL Call #: aHD1751.A42

*Descriptors*: family farms; usa

**113. Socio-cultural factors and family farming.**

Alston, M. *A legacy under threat? family farming in Australia*. p.99-119. (1997)

NAL Call #: HD1476.A8L44-1997

*Descriptors*: family farms; rural sociology; australia

**114. The staff of life.**

Ludmer Gliebe, S. *Small farm today*. v.14(6): p.39. (1997 Dec.-1998 Jan.)

NAL Call #: S1.M57

*Descriptors*: small farms; traditional farming; ancillary enterprises; breadmaking; france

**115. Start small and learn.**

Klober, K. *Small farm today*. v.14(1): p.17-18. (1997 Feb.-1997 Mar.)

NAL Call #: S1.M57

*Descriptors*: farm management; small farms; livestock farming

**116. Starting in rotational grazing.**

Peach, R. *Small farm today*. v.14(3): p.34-35. (1997 June-1997 July)

NAL Call #: S1.M57

*Descriptors*: dairy farming; family farms

**117. Strategies for effective on-farm hazard surveillance visits.**

Abend, E. L.; Hallman, E. M. *J agromed*. v.4(1/2): p.47-53. (1997)

NAL Call #: RC965.A5J68

*Descriptors*: farming; safety at work; farmers' attitudes; data collection; health hazards; extension; educational programs; farm surveys; new york; farm family health and hazard surveillance project fflhs; farm safety audits

**118. Straw Ridge Farm: a tale of diversification.**

Roland, G. *Small farm today*. v.13(5): p.25-26. (1996 Oct.-1996 Nov.)

NAL Call #: S1.M57

*Descriptors*: small farms; diversification; farm enterprises; part time farming; farm management

**119. Stress as a risk factor for agricultural injuries: comparative data from the Iowa farm family health and hazard survey (1994) and the Iowa farm and rural life poll.**

Thu, K.; Lasley, P.; Whiteen P.; Lewis, M.; Donham, K. J.; Zwerling, C.; Scarth, R. *J agromed*. v.4(3/4): p.181-191. (1997)

NAL Call #: RC965.A5J68

*Descriptors*: farmers; mental stress; trauma; risk; regional surveys; occupational hazards; socioeconomic; rural sociology; iowa

**120. Structural and financial characteristics of U.S. farms, 1993: 18th annual family farm report to congress: an Economic Research Service report.**

Hoppe, R. A.; United States. Dept. of Agriculture. Economic Research Service. iii, 104p. (U.S. Dept. of Agriculture, Economic Research Service, Washington, D.C., 1996)

NAL Call #: 1--Ag84Ab-no.728

*Descriptors*: family farms-united states-finance; farm income-united states; farm management-united states

**121. Structural and financial characteristics of U.S. farms, 1994: 19th annual family farm report to the congress.**

Sommer, J. E.; United States. Dept. of Agriculture. Economic Research Service. vi, 103p. (U.S. Dept. of Agriculture, Economic Research Service, Washington, DC, 1997)

NAL Call #: 1--Ag84Ab-no.735

*Descriptors*: family farms-united states-finance; farm income-united states; farm management-united states

**122. Structural changes in U.S. agriculture: implications for small farms.**

Gebremedhin, T. G.; Christy, R. D. *J agric appl econ*. v.28(1): p.57-72. (1996 July)

NAL Call #: HD101.S6

*Descriptors:* small farms; agricultural policy; structural change; agricultural production

*Abstract:* A descriptive analysis and a survey of literature were used in this assessment of the transformation of the structure of production agriculture. The changes in production agriculture have important implications for resource use, population distribution in rural communities, and the survival of small farms. The shifting structural change in production agriculture as a response to economic and technological adjustments is not a temporary phenomenon. The economic and natural base of agriculture will change toward greater capital intensity and concentration of ownership, and will raise public policy questions in relation to the survival of a large farm population.

**123. A study of consumers at a small farmers' market in Maine: results from a 1995 survey.**

Kezis, A.; Gwebu, T.; Peavey, S.; Cheng, H. T. *J food distrib res.* v.29(1): p.91-99. (1998 Feb.)

NAL Call #: HD9000.A1J68

*Descriptors:* farmers' markets; consumer surveys; demography; consumer attitudes; trends; patronage; purchasing habits; expenditure; maine; penobscot county,maine

**124. Sunning as a technique for disinfesting stored beans.**

Chinwada, P.; Giga, D. P. *Postharvest biol technol.* v.9(3): p.355-342. (1996 Dec.)

NAL Call #: SB129.P66

*Descriptors:* beans; disinfestation; zabrotes subfasciatus; acanthoscelides obtectus; small farms; solar radiation; larvae; polyethylene film; seeds; environmental temperature; time; stored products pests; insect control

**125. There's wealth in velvet.**

Polachic, D. *Small farm today.* v.13(4): p.28. (1996 Aug.)

NAL Call #: S1.M57

*Descriptors:* cervus elaphus canadensis; farming; velvet; small farms; saskatchewan

**126. Things to come.**

Klober, K. *Small farm today.* v.13(6): p.17-18. (1996 Dec.)

NAL Call #: S1.M57

*Descriptors:* small farms; farm management; forecasting

**127. A time to act.**

USDA National Commission on Small Farms. 121p. (The Commission, Washington, DC, 1998)

NAL Call #: HD1476.U6U83--1998

*Descriptors:* farms, small-united states; farms, small-government policy-united states

**128. "A time to act" - highlights of a report of the USDA National Commission on small farms.**

Molen, J. Y. *Proc Agric Outl Conf. (USDA World Agricultural Outlook Board).* p.104-111. (1998 May)

NAL Call #: aHD1755.A376

*Descriptors:* agricultural development; agricultural policy; usa

**129. Tinkerers today.**

Klober, K. *Small farm today.* v.13(5): p.17-18. (1996 Oct.-1996 Nov.)

NAL Call #: S1.M57

*Descriptors:* small farms; farm management; ancillary enterprises; non farm income; recycling; refitting; resaling

**130. The transformation of work on the family farm.**

Parent, D. *Can j agric econ.* v.44(4): p.421-434. (1996 Dec.)

NAL Call #: 281.8-C16

*Descriptors:* family farms; structural change; adaptation; farmers' attitudes; education; organization of work; quebec

**131. U-pick raspberries.**

Polachic, D. *Small farm today.* v.14(6): p.33-35. (1997 Dec.-1998 Jan.)



NAL Call #: S1.M57

*Descriptors:* rubus idaeus; cultivation; small farms

**132. A unique measure of the welfare effects of price support programs for corn on family-farm households by size distribution.**

Seleka, T. B.; De Gorter, H.; New York State College of Agriculture and Life Sciences. Dept. of Agricultural, Resource, and Managerial Economics. 25, [12]p. (Dept. of Agricultural, Resource, and Managerial Economics, Cornell University, Ithaca, NY, 1996)

NAL Call #: HD1751.W67--no.96-14

*Descriptors:* corn prices-united states-mathematical models; agricultural price supports-united states-mathematical models; agricultural price supports-social aspects-united states-mathematical models; farm income-united states-mathematical models

**133. Using the silver lining.**

Klober, K. *Small farm today*. v.13(1): p.17-18. (1996 Feb.)

NAL Call #: S1.M57

*Descriptors:* farm management; small farms; market economics; culling; animal breeding; stocks; genetic improvement

**134. Vancouver Island farmers are a breed apart.**

Adams, N. *Small farm today*. v.13(4): p.40-42. (1996 Aug.)

NAL Call #: S1.M57

*Descriptors:* livestock; rare breeds; endangered breeds; livestock farming; genetic resources; genetic diversity; resource conservation; small farms; british columbia

**135. A very small farm. 1st ed.**

Winchester, W. P. 1. 229p. (Council Oak Books, Tulsa, OK, 1996)

NAL Call #: S521.5.O5W567--1996

*Descriptors:* farm life-oklahoma

**136. Viable credit for small operations.**

Guess, D. C. *Proc Agric Outl Conf. (USDA World Agricultural Outlook Board)*. p.112-113. (1998 May)

NAL Call #: aHD1755.A376

*Descriptors:* small farms; contract farming; economic viability; usa

**137. Visualizing trends in the structure of U.S. agriculture, 1982 to 1992.**

Thomas, J. K.; Howell, F. M.; Wang, G.; Albrecht, D. E. *Rural sociol.* v.61(2): p.349-374. (1996 Summer)

NAL Call #: 281.28-R88

*Descriptors:* agricultural structure; history; trends; patterns; small farms; commercial farming; cluster analysis; agricultural censuses; usa; farming firm; agristructure

*Abstract:* Multiple indicators of the structure of agriculture were extracted from the U.S. Census of Agriculture for the years 1982, 1987, and 1992, and used to extend previous work by Wimberley (1987). Exploratory factor analysis results for each year yielded three dimensions of agristructure: corporate-commercial, farming-firm and small-farm. Factor-scores used to estimate scales had high reliabilities (omega coefficients > .9) and strong inter-temporal correlations for each scale across years were observed. The content of each scale was consistent across the three years, suggesting that structural shifts in the elements defining "agristructure" were minimal. Because the 1980s were a turbulent period for U.S. agriculture, the patterns describing heterogeneity among counties in each year were investigated. Cluster analysis of each year's three factor scales produced five homogeneous groups of counties: three, dominated respectively by small-farms, farming-firms, and corporate-farms and two mixed groups, which we interpreted as reflecting transitional situations. Comparisons of these cluster groupings across the three years identified the emergence of counties typified by organizational patterns of firm-oriented and corporate-commercial farming. Moreover, the patterns of temporal movement by U.S. counties across this typology suggest a fundamental change from homogeneous family-centered small-farming concentrations dominant during most of this century. Implications of the findings are discussed.

**138. Walk-behind tractors and tillers.**

Salt, S. *Small farm today*. v.13(2): p.20-24. (1996 Apr.)

NAL Call #: S1.M57

*Descriptors*: walking tractors; rotary cultivators; feasibility; small farms; farm management

**139. Water quality education for owners of small ranches.**

Cobourn, J.; Donaldson, S. *J soil water conserv*. v.51(1): p.41-45. (1996 Jan.-1996 Feb.)

NAL Call #: 56.8-J822

*Descriptors*: ranching; water quality; water pollution; pollution control; educational programs; landowners; environmental protection

**140. White & colored cotton.**

Selbert, P. *Small farm today*. v.13(1): p.30-32. (1996 Feb.)

NAL Call #: S1.M57

*Descriptors*: gossypium; varieties; cultivation; small farms; arkansas

**141. Who are today's farmers.**

Breimyer, H. F. *Small farm today*. v.13(5): p.15-16. (1996 Oct.-1996 Nov.)

NAL Call #: S1.M57

*Descriptors*: farmers; part time farming; full time farming; farm size; farm structure; agricultural censuses; usa

**142. Why U.S. agriculture and rural areas have a stake in small farms.**

Steele, C. J. *Rural dev perspect*. v.12(2): p.26-31. (1997 Feb.)

NAL Call #: aHN90.C6R78

*Descriptors*: rural communities; farm families; usa

**143. Windsong--an Alaskan farm.**

Olthuis, D. *Small farm today*. v.14(2): p.55-56. (1997 Apr.-1997 May)

NAL Call #: S1.M57

*Descriptors*: small farms; diversification; profitability; alaska

**144. The young fella with the good red hogs.**

Klober, K. *Small farm today*. v.15(1): p.17-18. (1998 Feb.-1998 Mar.)

NAL Call #: S1.M57

*Descriptors*: small farms; farm management

**145. Your new pasture.**

Salatin, J. *Small farm today*. v.14(3): p.45-46. (1997 June-1997 July)

NAL Call #: S1.M57

*Descriptors*: small farms; grassland management

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